

Figure 1 is a line graph showing Median Tumor Weight (mg) versus Days Post-Implant for three groups: Control, Paclitaxel, and Taxoprexin. The y-axis is logarithmic, ranging from 1 to 1000 mg. The x-axis ranges from 0 to 50 days. The Control group (squares) shows a steady increase in tumor weight. The Paclitaxel group (triangles) shows a slower increase. The Taxoprexin group (circles) shows a very slow increase, with a sharp drop at day 20, followed by a recovery.

Days Post-Implant	Control (mg)	Paclitaxel (mg)	Taxoprexin (mg)
0	~1	~1	~1
10	~100	~150	~100
20	~200	~300	~10
30	~400	~500	~100
40	~800	~1000	~200
50	~1500	~2000	~400

FIG. 1

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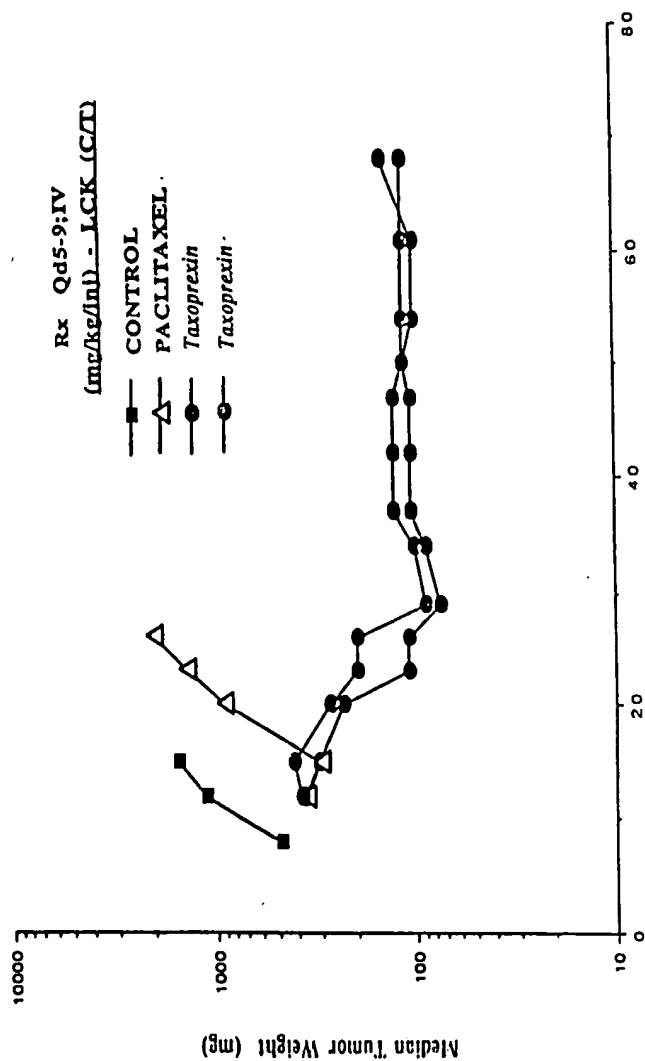


FIG. 2

Figure 1 is a line graph showing the median tumor weight (mg) on the y-axis (ranging from 0 to 3000) against the number of days after sc tumor implantation on the x-axis (ranging from 0 to 60). Three groups are compared: Control (solid line with circles), Paclitaxel, 20 mg/kg (dashed line with squares), and Taxopretin (dotted line with triangles). The Control group shows a steady increase in tumor weight, reaching approximately 2800 mg by day 50. The Paclitaxel group shows a rapid increase in tumor weight, reaching approximately 2800 mg by day 50. The Taxopretin group shows a rapid increase in tumor weight, reaching approximately 2800 mg by day 50.

Days after sc tumor implantation	Control (mg)	Paclitaxel, 20 mg/kg (mg)	Taxopretin (mg)
0	0	0	0
10	100	100	100
20	200	200	200
30	400	400	400
40	800	800	800
50	1200	1200	1200
60	1600	1600	1600

FIG. 3

### Pharmacokinetic Parameters

Drug	Pharmacokinetic Parameter		
	Clearance	Plasma $t_{1/2}$ (n=3)	Volume of Distribution
Paclitaxel	28.2 ml/min/kg	4.8±2.6 hrs.	4.3L/kg
Taxoprexin	0.3 ml/min/kg	4.8±0.1 hrs.	0.058L/kg

FIG. 4

665020 2055200

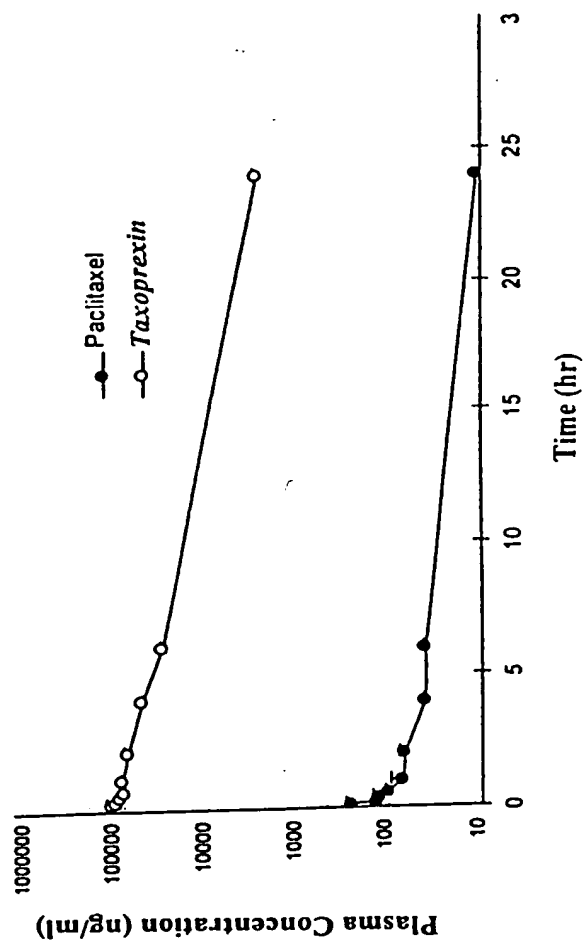


FIG. 5

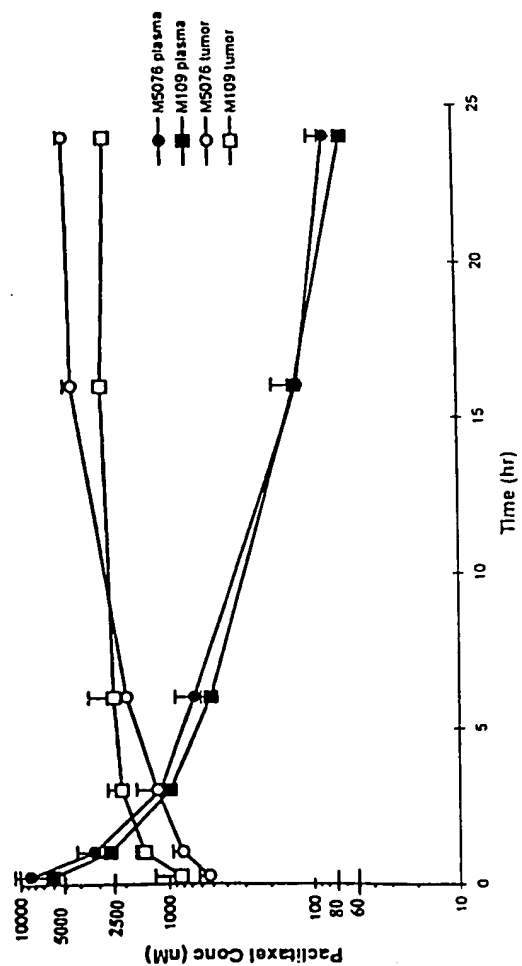


FIG. 6

## Dose Comparisons: Paclitaxel vs. Taxoprexin in Various Species

Species	Dose (mg/kg)*		Dose Ratio: <i>Taxoprexin</i> / paclitaxel	
	<i>Taxoprexin</i>	Paclitaxel	Based on Weight	Based on Taxane Molarity**
Mouse	MTD = 100x5 = 500	MTD = 20x5 = 100	5	3.6
Rat	Est LD <sub>40</sub> = 420	LD <sub>40</sub> = 85	5	3.6
Dog	MTD = 80	Est MTD = 20	4	2.9
<i>Average</i>			<b>4.7</b>	<b>3.4</b>

\* MTD is Maximum Tolerated Dose

\*\* MW of *Taxoprexin*=1164; MW of paclitaxel=854; MW ratio = 0.73

FIG. 7